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NOTES ON GASTERUPTIID WASPS (HYMENOPTERA: EVANIOIDEA)

The family Gasteruptiidae is a little-known group of parasitic wasps, easily characterized by the highly-placed articulation of the elongated metasoma on the propodeum. The family is divided into two subfamilies, the Hyptiogastrinae with five genera of Gondwanan distribution, and the Gasteruptiinae with one cosmopolitan genus (*Gasteruption* Latreille). Little is known about the biology of gasteruptiids, but all species for which host records exist are parasites of Apoidea s.l. (Townes, 1950; Malyshev, 1968; Mason, 1993). *Gasteruption assectator*, *G. jaculator*, and *G. pedemontanum* have been observed to rob from the cells of the megachilid bee *Megachile rotundata* (Megachilidae) in Russia (Narolsky and Shcherbal, 1991), and some Australian and New Zealand species are known to victimize bees of the families Colletidae and Stenotritidae (Jennings and Austin, 1994a, b). Adults of some species are thought to feed on pollen (Jennings and Austin, 1994b: 1292). Those species North of Mexico with recorded hosts all have been taken from nests of bees in the families Colletidae, Megachilidae, and Apidae (*sensu* Roig-Alsina and Michener, 1993). Outside of these few host records, the biology of nearctic species is completely unknown (Mason, 1993). Herein I present a new host record for *G. assectator arca* found in the cell of a megachilid bee in Central New York. *G. assectator* has previously been recorded in nests of *Hylaeus ellipticus* (Colletidae) and *Megachile rotundata* (Megachilidae) in North America (Krombein et al., 1979).

SUBFAMILY GASTERUPTIINAE, GENUS *GASTERUPTION* LATREILLE

***Gasteruption assectator arca* (Couper)**

NEW HOST RECORD: Taken from *Hoplitis producta* (Cresson) cell (Hymenoptera: Megachilidae; Megachilinae). Nest dug into the pith of a twig. Cell Nr. 5, Cornell University Lot Nr. 1040, sub. site B, nest 111, Tompkins Co., NY, 28 April 1974, Suellen Vernoff. Cornell University Insect Collection.

SUBFAMILY HYPTIOGASTRINAE, GENUS *PSEUDOFOENUS* KIEFFER

***Pseudofoenus pedunculatus* (Schletterer)**

LOCALITY: 1 male, New Zealand, North Island, South Auckland, Tahunanui, 14 January 1928, E. S. Gourlay. Cornell University Insect Collection.

Pseudofoenus is a problematic genus of hyptiogastrine wasps endemic to New Zealand. It has not been possible to associate the sexes based on morphology or locality; at present the two recognized female species are taxonomically distinct from two additional "species" known only from the male sex (Jennings and Austin, 1994b). For this reason it is noteworthy to report here a male and female *Pseudofoenus* collected at the same locality in New Zealand. The record of *Pseudofoenus pedunculatus* from South Auckland, North Island, is the second record of this species from the North Island and the first record from South Auckland.

***Pseudofoenus unguiculatus* (Westwood)**

LOCALITY: 1 female, New Zealand, North Island, South Auckland, Tahunanui, 14 January 1928, E. S. Gourlay. Cornell University Insect Collection.—*Michael S. Engel, Department of Entomology, Comstock Hall, Cornell University, Ithaca, NY 14853.*

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